ABSTRACT

The present invention relates to a low profile, fine mist, finger-operated, precompression-type spray pump, and more particularly to a spray pump provided with a second valve of the novel structure being moveable between a poppet valve and a bottom entrance of housing, to precompress the fluid as a liquid content and then spray, whereby the spray pump can be operated even with a short travel distance of a piston, which enables to make the height of a push button spaced from a closure to be shorter than the existing ones, and the pumping process can be smoothly performed without leakage and can also be started with small empty pumping numbers. In addition, the spray pump according to the present invention is constructed with small numbers of constituent parts, resulting in the significant reduction of manufacturing cost and assembly cost.

Representative drawing

Fig. 1A